

## SCLO 200M

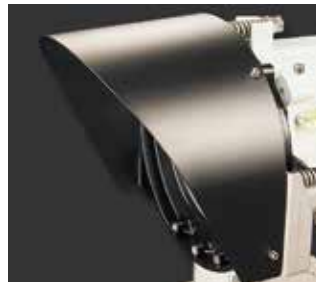
Self-contained LED light with  
14 NM Range

- Range up to 14 NM (Tc=0,74)  
22 NM (Tc=0,85)
- Standard IALA colours Red, Green,  
White and Yellow
- Light module of rugged aluminium  
housing and body of UV resistant  
polyethylene
- Light horizontally and vertically  
adjustable in the field
- Integrated flasher with day-light  
switch and solar charger
- Ventilated battery compartment
- Solar panels well protected with  
tempered glass in front
- Adjustable intensity and range
- Programmable with Sabik  
standard IR programming devices
- Light can be programmed and  
controlled up to 50 meter distance  
with a smart phone using Sabik  
Bluetooth Control
- Optionally integrated  
GPS synchronization
- Optionally integrated GSM/GPS  
remote monitoring





**Aluminium housing**  
The light enclosure is made from marine grade aluminium.



**Sun shield**  
Protects lens from dust and bird droppings



**PTFE**  
Vent for pressure release in the back of the lantern.



**Precision alignment**  
A gun sight can be used for precision alignment to the center line of the range.



**Light beam adjustment**  
The direction of the light beam can be adjusted with 3 bolts. The 3 axis adjustment system enables both vertical and horizontal alignment.



**Level indicator**  
The integrated level indicator makes horizontal levelling easy.



**Sabik Easy Programmer**  
User friendly and compact wireless two way programmer.



**Bluetooth® Control**  
Lantern can be programmed and controlled up to 50 meters distance with standard android and iOS mobile phones.



**Installation**  
The bottom plate supports installation on structure using 3xM10 Bolts on a 330mm radius.



**Solar Modules**  
Solar modules with tempered glass front well integrated with the PE-Housing.

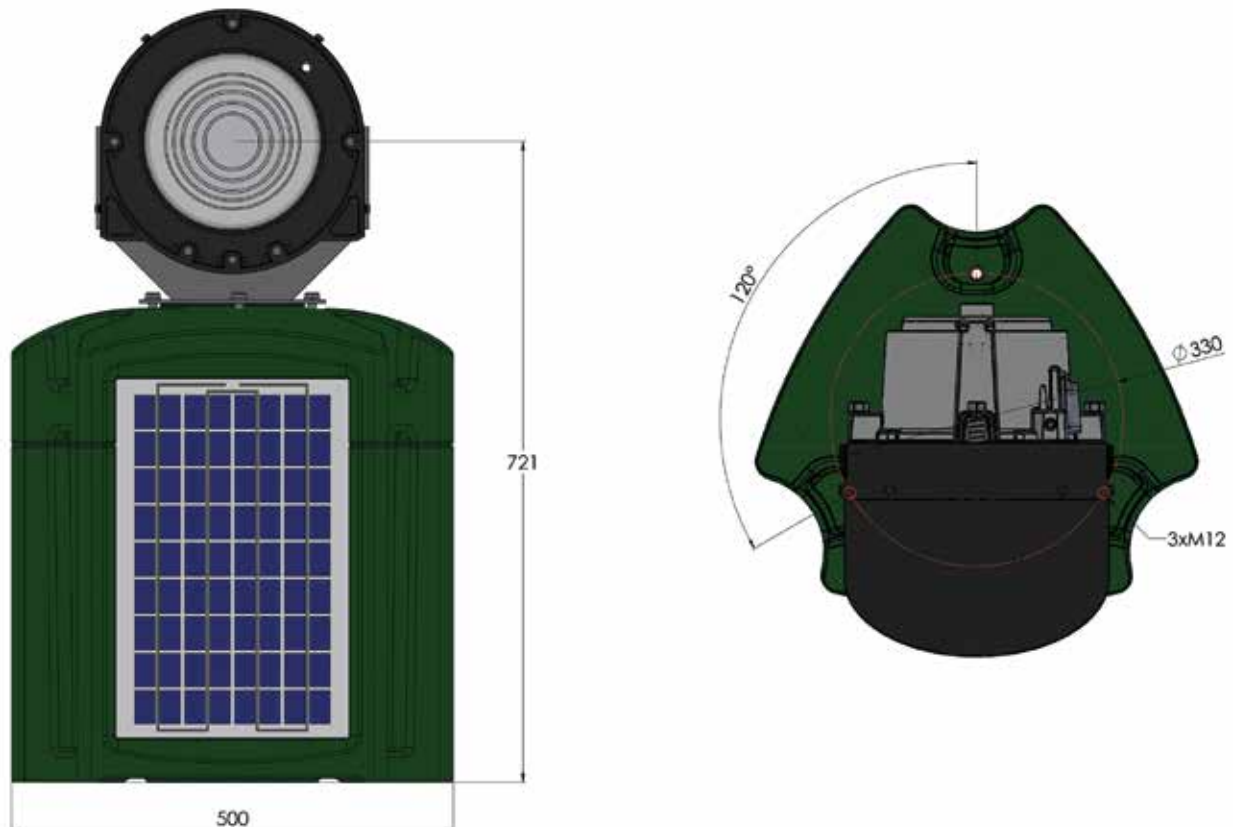


**VRLA Battery**  
Maintenance free Lead acid battery with a designed life-time of of 7 years.



**Auxiliary connector**  
Enables external charging or additional solar module.

## Technical Specification SCLO 200M



### Optical performance

#### Maximum fixed intensity

At full power **7000 cd**    7000 cd    7000 cd    13000 cd

### Main Technical Specification

	up to 3 Nautical miles	up to 4 Nautical miles
<b>Lens visual/Mechanical diameter</b>	203 W	
<b>Lens material</b>	UV stabilized Polycarbonate	
<b>Light source</b>	Light Emitting Diodes (LEDs)	
<b>Vertical divergence</b>	8° @ 50% (±1°) of peak intensity	
<b>Unit lifetime</b>	Up to 10 years	
<b>Weight</b>	39 kg	
<b>Overall height</b>	870 mm	
<b>Overall width</b>	500 mm dia	
<b>Power consumption</b>	4W at full intensity	
<b>Light unit degree of protection</b>	IP 66	
<b>Solar Modules</b>	3 x 11W	
<b>Battery</b>	VRLA GEL-Type, 60Ah/12V	
<b>Installation</b>	3 x M10 on 330 mm dia	

## Order Overview SCLO 200M

### Option matrix

<b>OPT 4: GPS sync</b>	Integrated LED performance measurement
<b>OPT 7: External GPS</b>	External GPS antenna for OPT 4 and OPT 9
<b>OPT 9: LightGuard GSM + GPS</b>	Integrated GSM based monitoring including GSM/GPS antennas
<b>OPT 10: LightGuard GSM</b>	Integrated GSM based monitoring including GSM antenna
<b>OPT 11: Control card</b>	Control card for secondary battery
<b>OPT 12: Aux card with I/O</b>	Aux card including I/O ports
<b>OPT 13: Aux card with RS485 and I/O</b>	Aux card including RS 485 and I/O port
<b>Shock &amp; Tilt Sensor</b>	Integrated 3-axis G sensor for tilt and shock sensing

### Product codes

Product	Colour
SCLO 200MW	white
SCLO 200MR	red
SCLO 200MG	green
SCLO 200MY	yellow

### Product code example: SCLO 200MR.7-9

- **SCLO 200MR** is Sabik code for SCLO 200M in red
- **7-9** is a selection of option 7 with external GPS antenna and option 9 with GSM/GPS monitoring